



PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Sheet 1 of 2

**Complete if Known**

Application Number	10/022,935
Filing Date	12/18/2001
First Named Inventor	Chen
Art Unit	2616
Examiner Name	Hsu, Alpus
Attorney Docket Number	CM03594J

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Alpus		4,313,036	Jan-82	Jahara et al.	
		5,079,767	Jan-92	Perlman	
		5,128,938	Jul-92	Borras	
		5,241,542	Aug-93	Natarajan et al.	
		5,278,831	Jan-94	Mabey et al.	
		5,371,734	Dec-94	Fischer	
		5,418,835	May-95	Frohman et al.	
		5,533,100	Jul-96	Bass et al.	
		5,590,396	Dec-96	Henry	
		5,740,366	Apr-98	Mahany et al.	
		5,778,052	Jul-98	Rubin et al.	
		5,797,094	Aug-98	Houde et al.	
		5,845,204	Dec-98	Chapman et al.	
		5,850,592	Dec-98	Ramanathan	
		5,940,771	Aug-99	Gollnick et al.	
		5,943,397	Aug-99	Gabin et al.	
		5,991,287	Nov-99	Diepstraten et al.	
		6,044,069	Mar-00	Wan	
		6,047,200	Apr-00	Gibbons et al.	
		6,058,289	May-00	Gardner et al.	
		6,138,019	Oct-00	Trompeter et al.	
		6,192,230	Feb-01	van Bokhstet et al.	
		6,205,122	Mar-01	Sharon et al.	
		6,208,623	Mar-01	Rochberger et al.	
		6,259,772	Jul-01	Stephens et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	Alpus H. Hsu	Date Considered	7/5/06
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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Examiner  
Signature

Alpus H. Hsu

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Sheet

1 of 1

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Application Number	10/022,935
Filing Date	12/18/2001
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Attorney Docket Number	CM03594J

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Alpus H. Hsu		GERLA, M., Multicluster, Mobile, Multimedia Radio Network, Wireless Networks 1 (1995) pp. 255-265	
		BOUKERCHE, A., A Simulation Based Study of On-Demand Routing Protocols for Ad hoc Wireless Networks, Simulation Symposium, 2001, Proceedings, 34 <sup>th</sup> Annual, 22-26 April 2001, pp. 95-92	
		LEE, W.C., Topology Aggregation for Hierarchical Routing in ATM Networks, Computer Communication Review, Vol. 25, No. 2, April 1995, pp. 82-92, ACM Press	
		JIANDONG, L., An Adaptive Cluster Algorithm for a Self-Organizing Communication Network, Global Telecommunications Conference, 1988, 28 Nov-1 Dec 1988, Conference Record, GLOBECOM '88, IEEE, Vol. 3, pp. 1653-1656	
		LIN, H., A Clustering Technique for Large Multihop Mobile Wireless Networks, Vehicular Technology Conference proceedings, 2000 IEEE 51 <sup>st</sup> , Vol 2., pp. 1545-1549	
		YONG-XI, F., A Clustering Algorithm Applied to the Network Management on Mobile Ad hoc Network, Info-tech and Info-net, 2001, Proceedings, ICII 2001, Vol. 2, pp. 626-631	
		CHATTERJEE, M., An On-Demand Weighted Clustering Algorithm (WCA) for Ad hoc Networks, Global Telecommunications Conference, 2000, GLOBECOM '00, IEEE Vol. 3, 27 Nov-1 Dec 2000, pp. 1697-1701	

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